# Contents of Volume 114

**Research Articles**


A.L. Shanks and W.G. Wright (U.S.)
Internal-wave-mediated shoreward transport of cyprids, megalopae, and gammarids and correlated longshore differences in the settling rate of intertidal barnacles (JEM 00979) 1

E. Kikuchi (Japan)
Effects of the brackish deposit-feeding polychaetes *Notomastus* sp. (Capitellidae) and *Neanthes japonica* (Izuka) (Nereidae) on sedimentary $O_2$ consumption and $CO_2$ production rates (JEM 00980) 15

S. Takeda and Y. Kurihara (Japan)
The occupation of artificial burrows by *Helice tridens* (De Haan) and the length of its stay (JEM 00981) 27

G. Gomez Diaz (Japan)
Effect of environmental embryonic temperature on larval development of *Macrobrachium rosenbergii* (De Man) (JEM 00982) 39

S.K. Service and S.S. Bell (U.S.)
Density-influenced active dispersal of harpacticoid copepods (JEM 00983) 49

W.E. Bros and B.C. Cowell (U.S.)
A technique for optimizing sample size (replication) (JEM 00984) 63

D.J. Stouder (U.S.)
Effects of a severe-weather disturbance on foraging patterns within a California surfperch guild (JEM 00985) 73

L.S. Peck, A. Clarke and L.J. Holmes (U.K.)
Summer metabolism and seasonal changes in biochemical composition of the Antarctic brachiopod *Liothyrella uva* (Broderip, 1833) (JEM 00986) 85

L.S. Eyster and J.A. Pechenik (U.K., U.S.)
Attachment of *Mytilus edulis* L. larvae on algal and byssal filaments is enhanced by water agitation (JEM 00987) 99

Y.S. Hayashi (Japan)
Some properties of glutamate dehydrogenase from the brackish-water bivalve *Corbicula japonica* (Prime) (JEM 00988) 111

K.M. Brown and T.D. Richardson (U.S.)
Foraging ecology of the southern oyster drill *Thais haemastoma* (Gray): constraints on prey choice (JEM 00989) 123

S.L. Armstrong (U.S.)
Mechanical properties of the tissues of the brown alga *Hedophyllum sessile* (C. Ag.) Setchell: variability with habitat (JEM 00990) 143

F. López-Figueroa and F.X. Niell (Spain)
Feeding behaviour of *Hydrobia ulvae* (Pennant) in microcosms (JEM 00991) 153

G.P. Jones (Australia)
Some interactions between residents and recruits in two coral reef fishes (JEM 00992) 169

C. Wiencke and J. Davenport (F.R.G., U.K.)
Respiration and photosynthesis in the intertidal alga *Cladophora rupestris* (L.) Kütz. under fluctuating salinity regimes (JEM 00993) 183

C.T. Mobley (U.S.)
Time-series ingestion rate estimates on individual *Calanus pacificus* Brodsky: interactions with environmental and biological factors (JEM 00994) 199

CONTENTS OF VOLUME 114

H.A. Lessios (Panama)
Temporal and spatial variation in egg size of 13 Panamanian echinoids (JEM 00995) 217
T.J. Mulligan, F.D. Martin, R.A. Smucker and D.A. Wright (U.S.)
A method of stock identification based on the elemental composition of striped bass *Morone saxatilis* (Walbaum) otoliths (JEM 00996) 241
V.J. Paul, M.E. Hay, J.E. Duffy, W. Fenical and K. Gustafson (U.S)
Chemical defense in the seaweed *Ochtodes secundiramea* (Montagne) Howe (Rhodophyta): effects of its monoterpenoid components upon diverse coral-reef herbivores (JEM 00997) 249
P.G. Fairweather (Australia)
Experiments on the interaction between predation and the availability of different prey on rocky seashores (JEM 00998) 261
T.H. Carefoot (Canada)
Diet and its effect on oxygen uptake in the sea hare *Aplysia* (JEM 00999) 275
L.P. Rozas and W.E. Odum (U.S.)
The rôle of submerged aquatic vegetation in influencing the abundance of nekton on contiguous tidal fresh-water marshes (JEM 01000) 289
Author Index of Volume 114 301